

FIG. 1

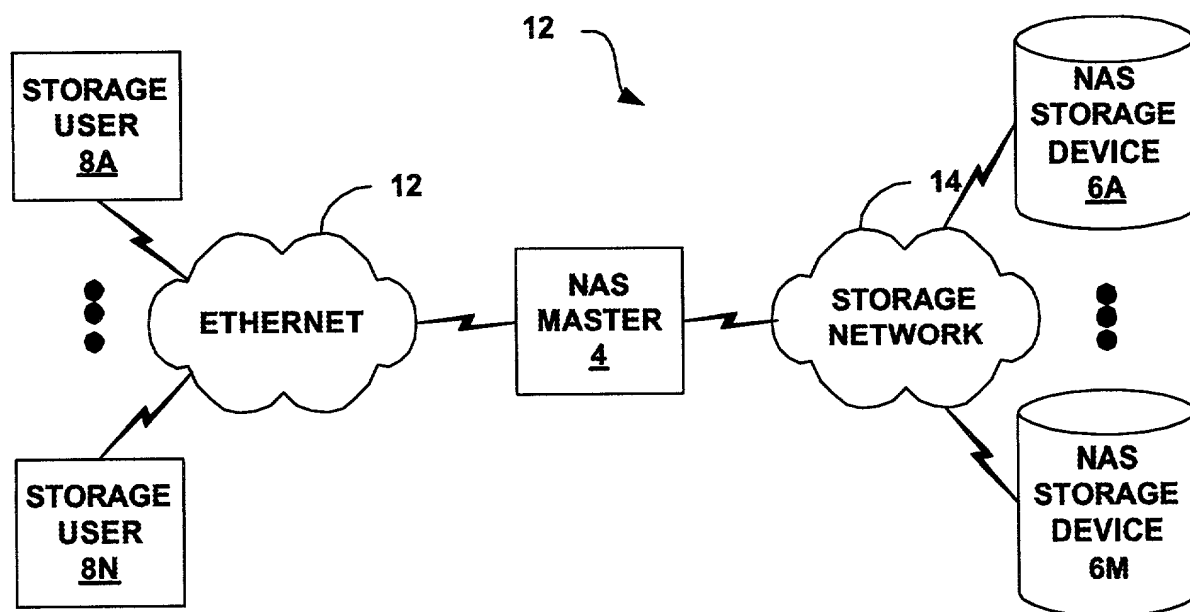
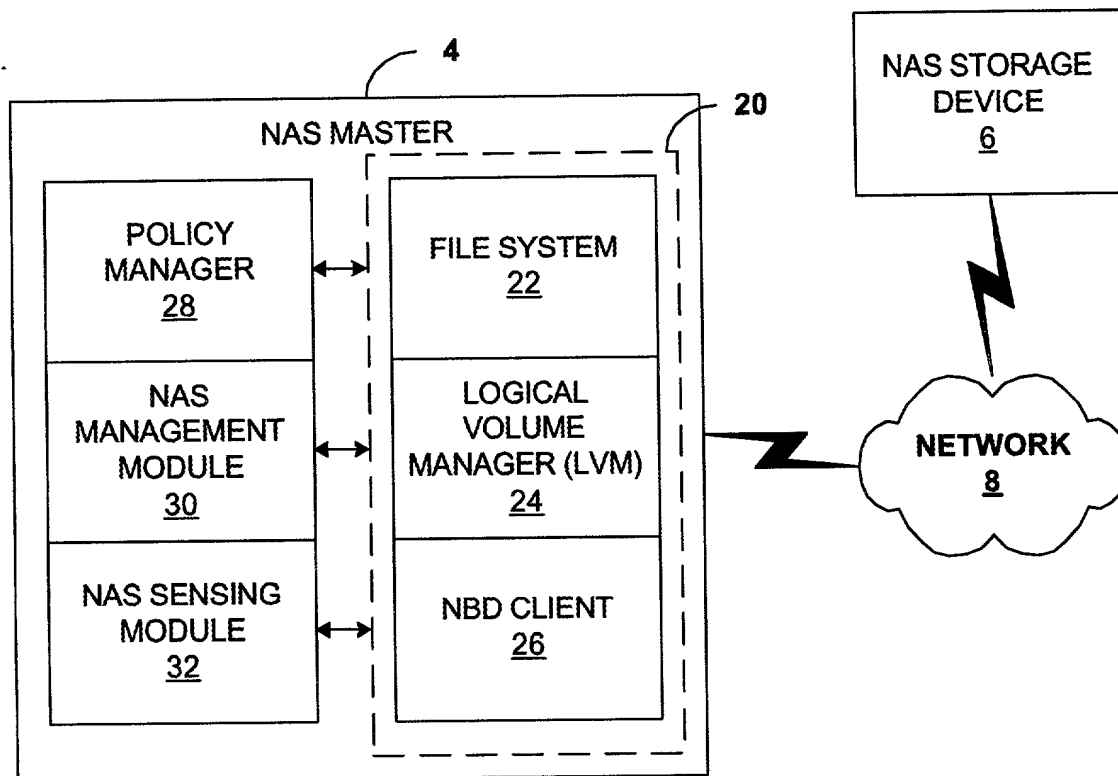
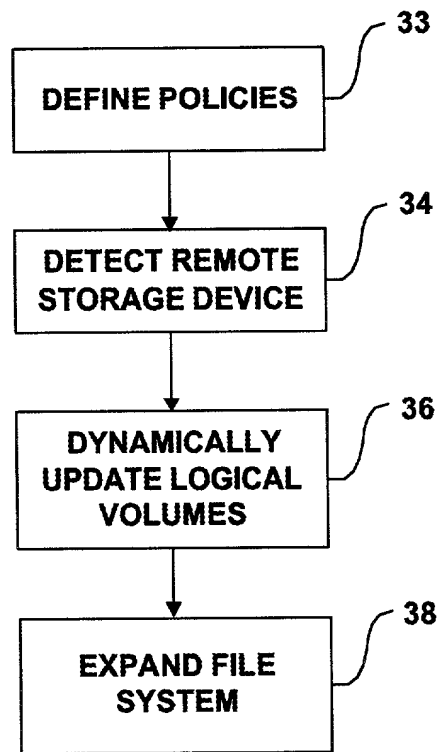


FIG. 2

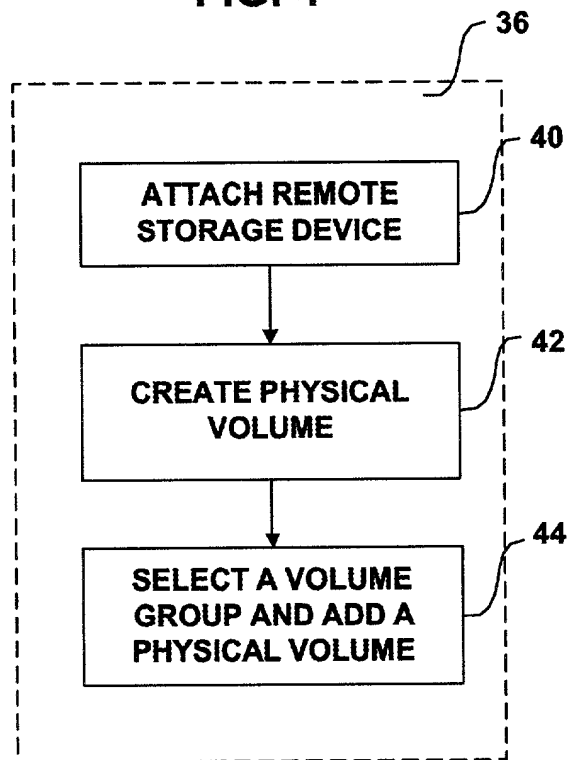
FIG. 3 is a block diagram of a Network Attached Storage (NAS) system architecture. The system includes a NAS MASTER (4) which is connected to a NETWORK (8) and a NAS STORAGE DEVICE (6). The NAS MASTER (4) is divided into two main sections: a left section containing a POLICY MANAGER (28), a NAS MANAGEMENT MODULE (30), and a NAS SENSING MODULE (32); and a right section (20) containing a FILE SYSTEM (22), a LOGICAL VOLUME MANAGER (LVM) (24), and an NBD CLIENT (26). Bidirectional arrows indicate communication between the POLICY MANAGER (28) and the FILE SYSTEM (22), between the NAS MANAGEMENT MODULE (30) and the LOGICAL VOLUME MANAGER (LVM) (24), and between the NAS SENSING MODULE (32) and the NBD CLIENT (26). The NETWORK (8) is represented by a cloud shape, and the NAS STORAGE DEVICE (6) is represented by a rectangular box. A lightning bolt symbol indicates a connection between the NETWORK (8) and the NAS STORAGE DEVICE (6).



**FIG. 3**



**FIG. 4**



**FIG. 5**